

Fig. 1

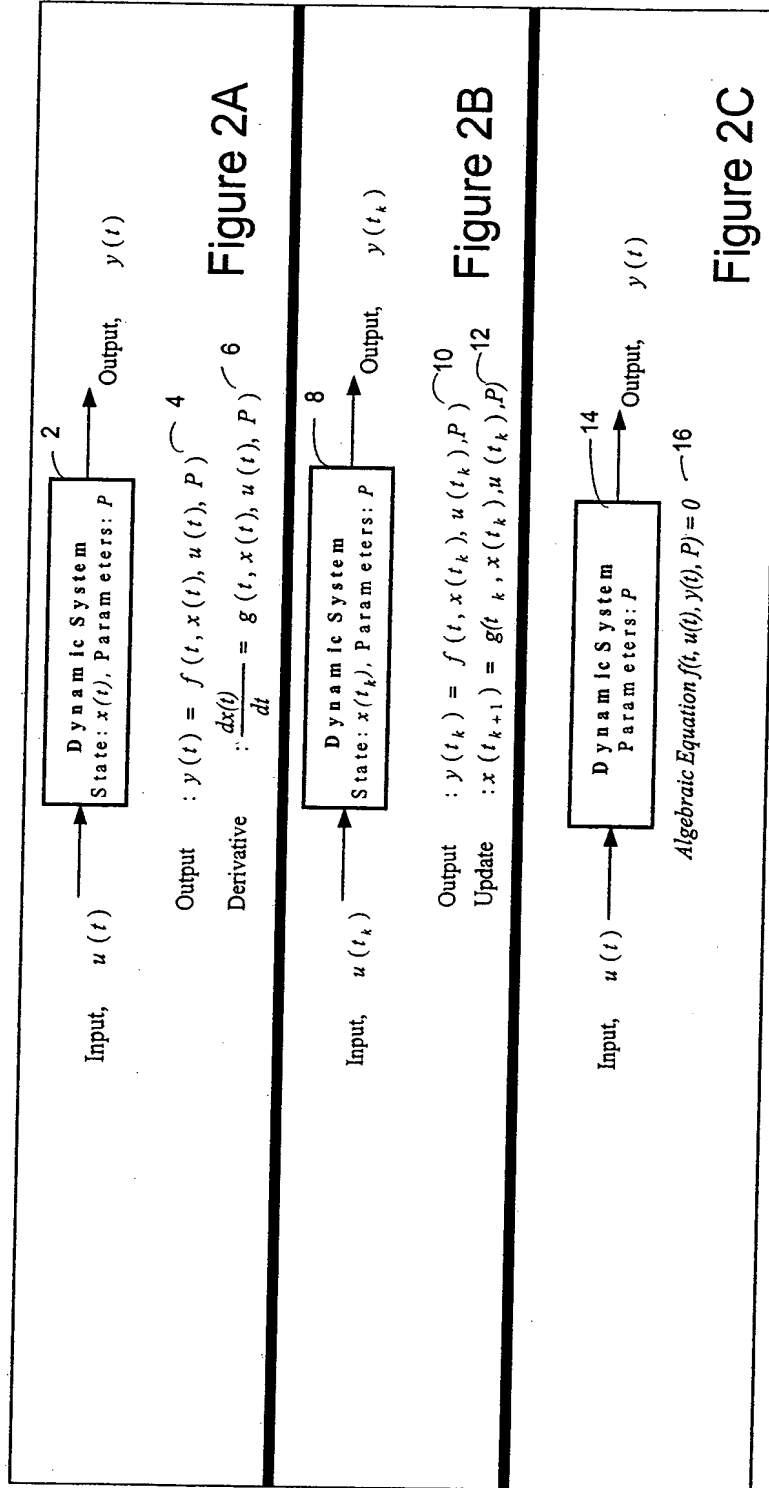


Figure 3

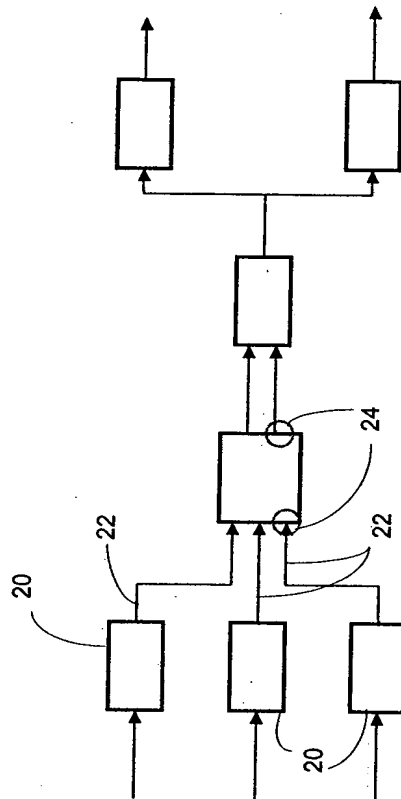


Figure 4

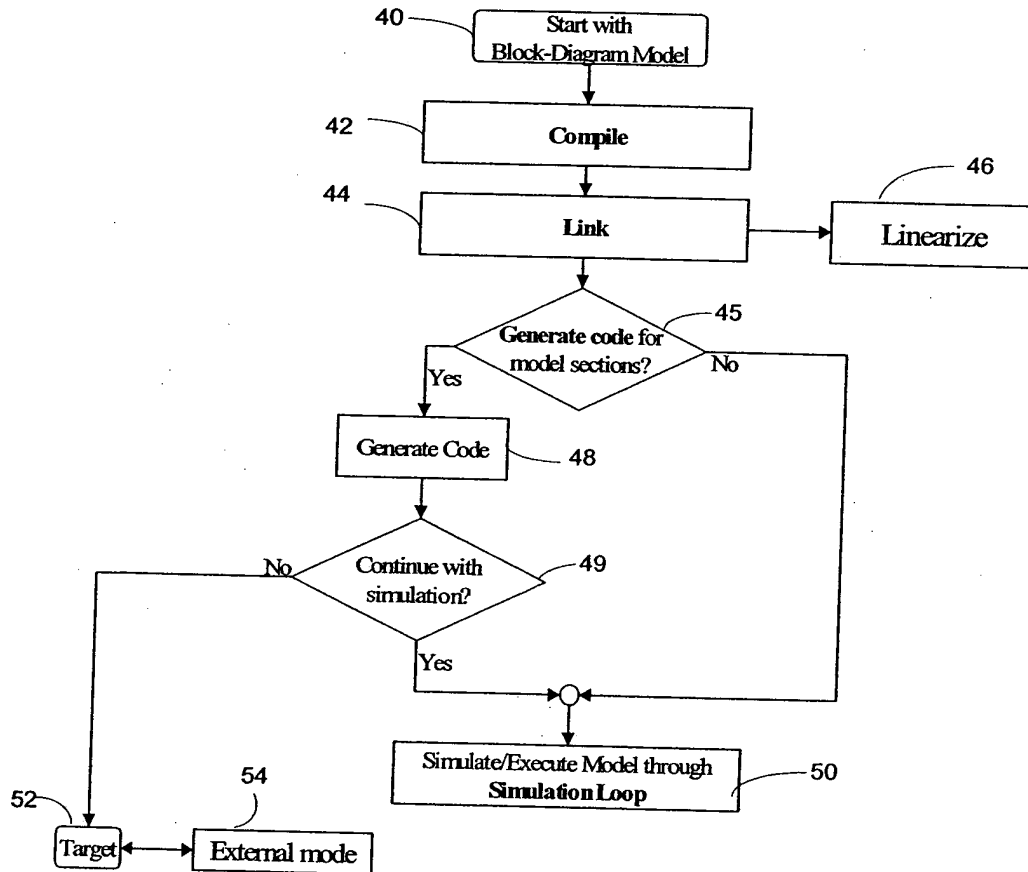
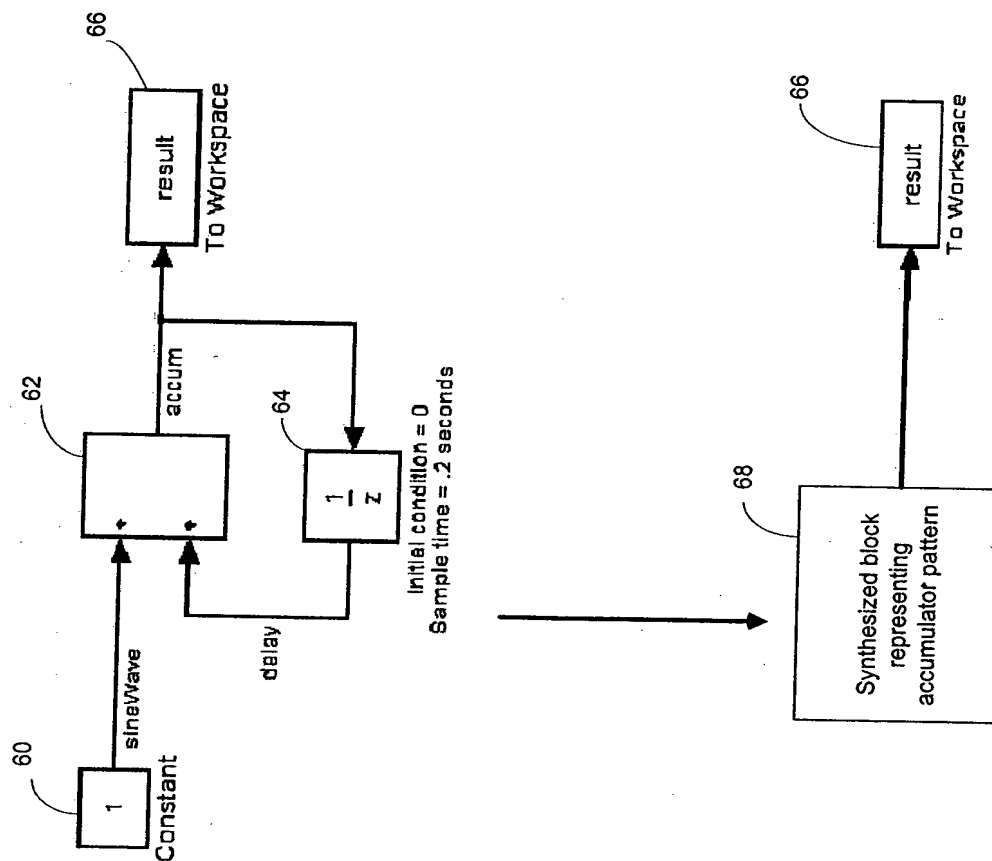
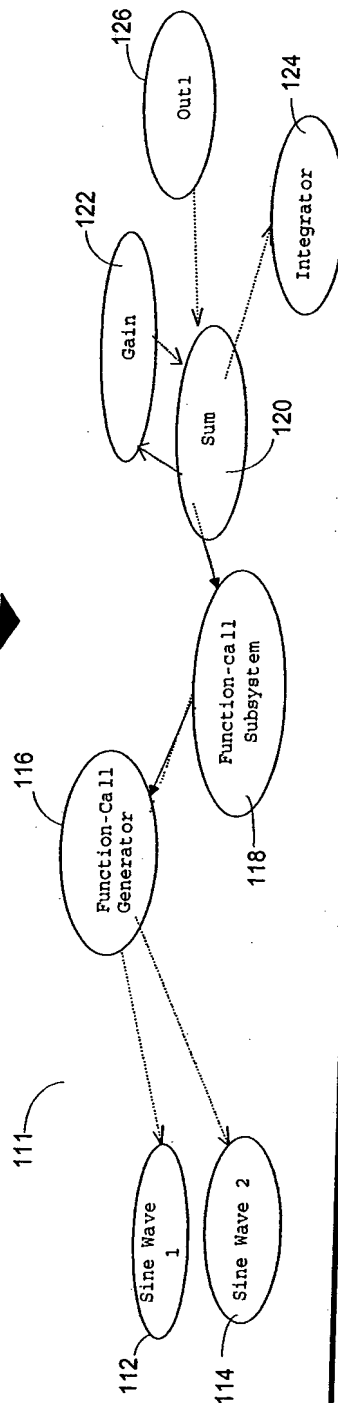
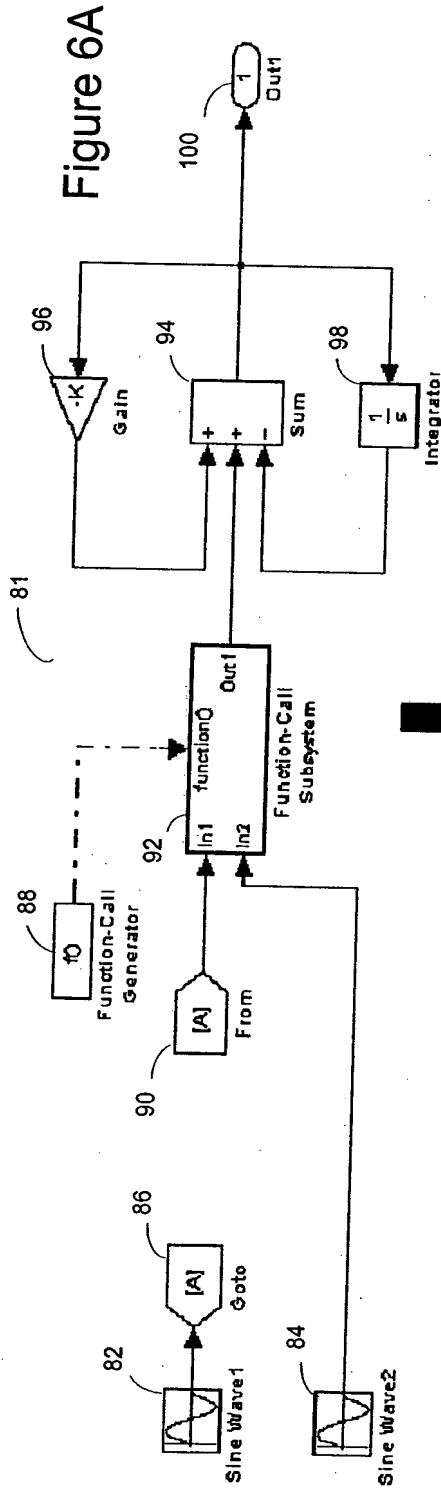


Figure 5





Sorted List:

0:0 Sine Wave 1
 0:1 Sine Wave 2
 0:2 Function-Call Generator
 0:3 Function-Call Subsystem
 0:4 Integrator
 0:5 Gain (algebraic id 0#1)
 0:6 Sum (algebraic variable for id 0#1)
 0:7 Out1

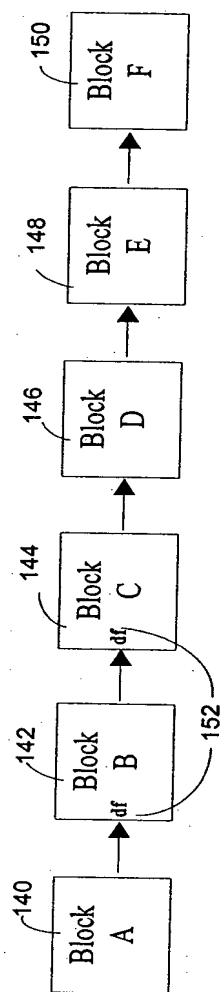


Figure 7A

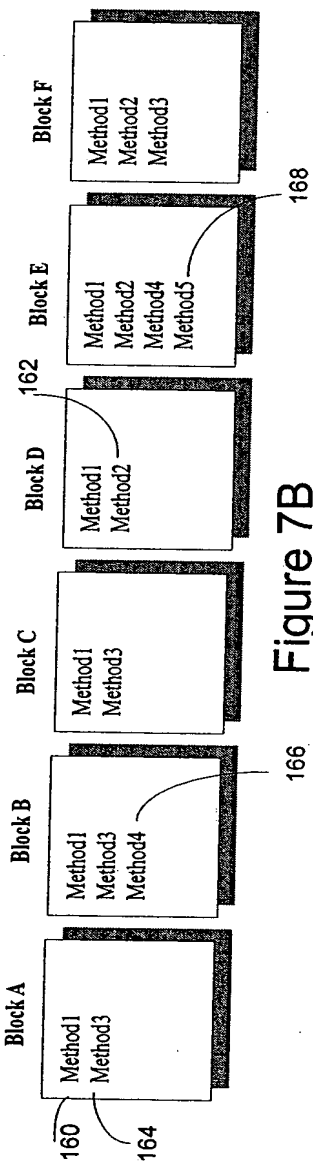


Figure 7B

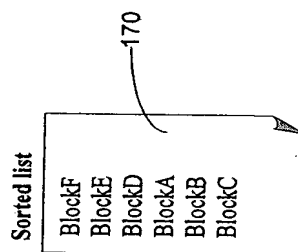


Figure 7C

Figure 8

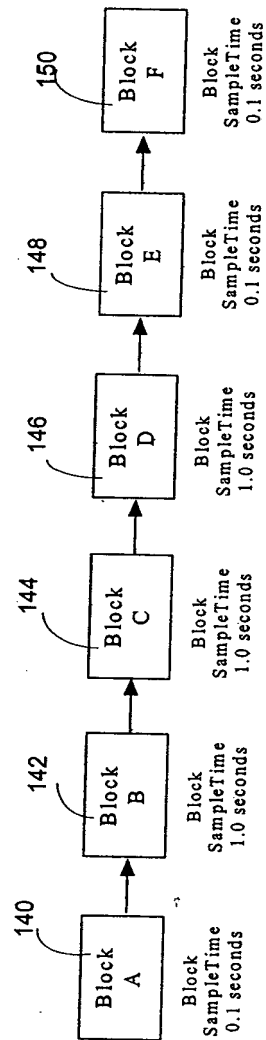


Figure 9

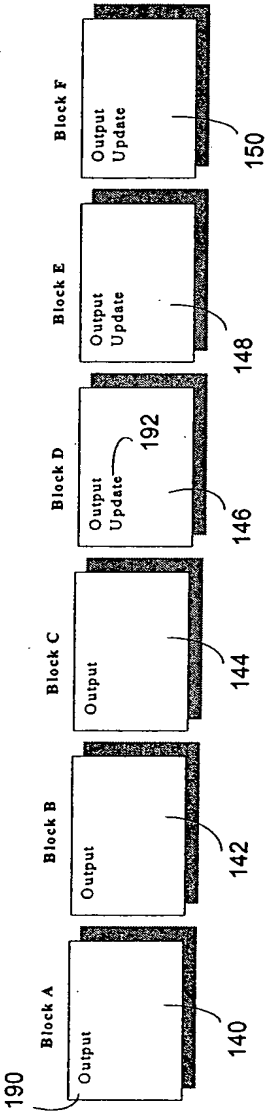


Figure 10

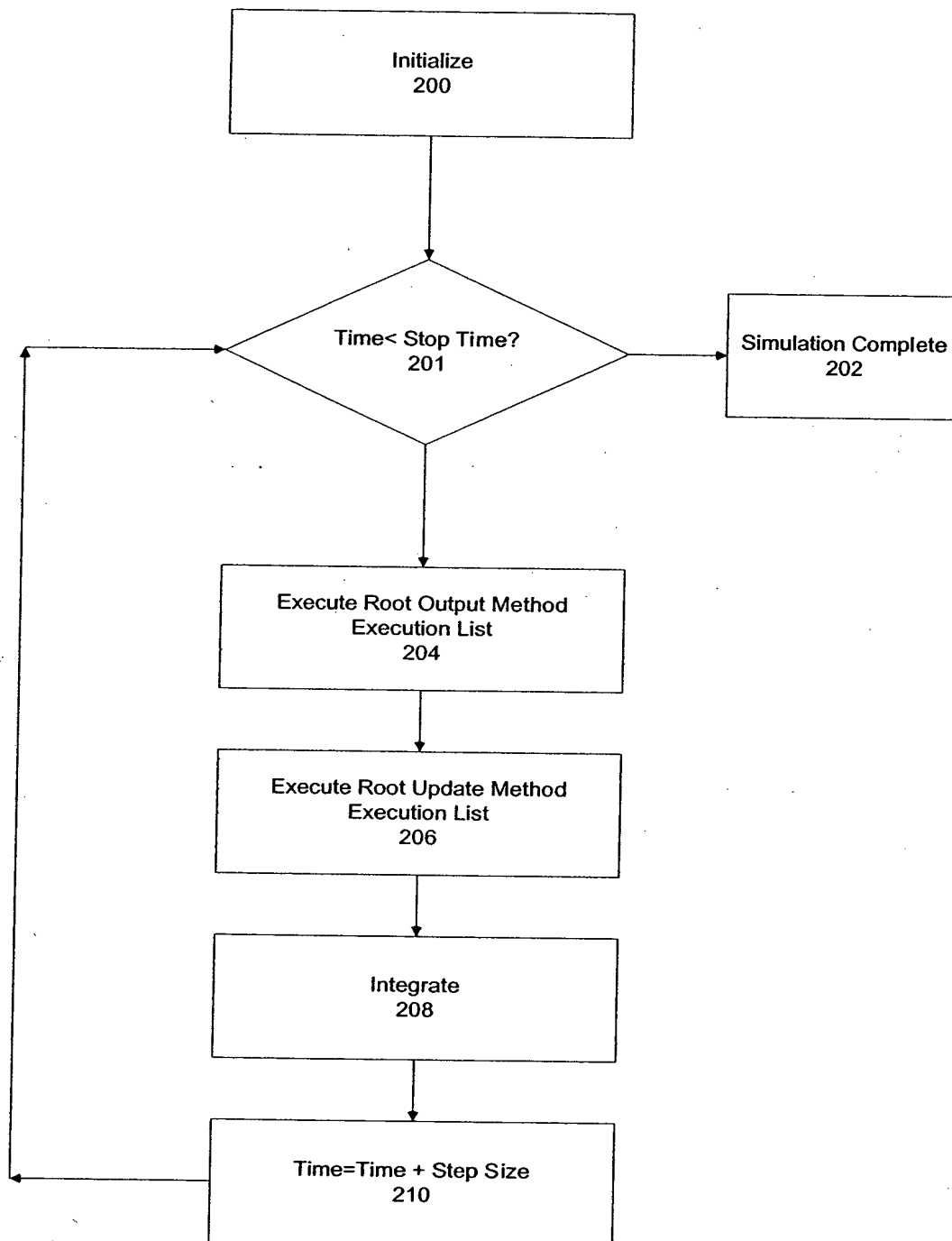
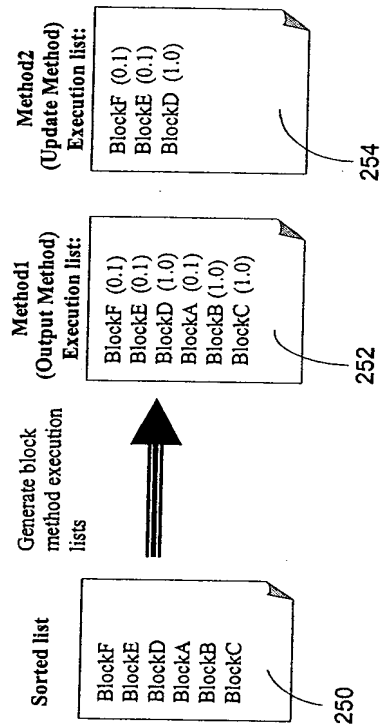


Figure 11A



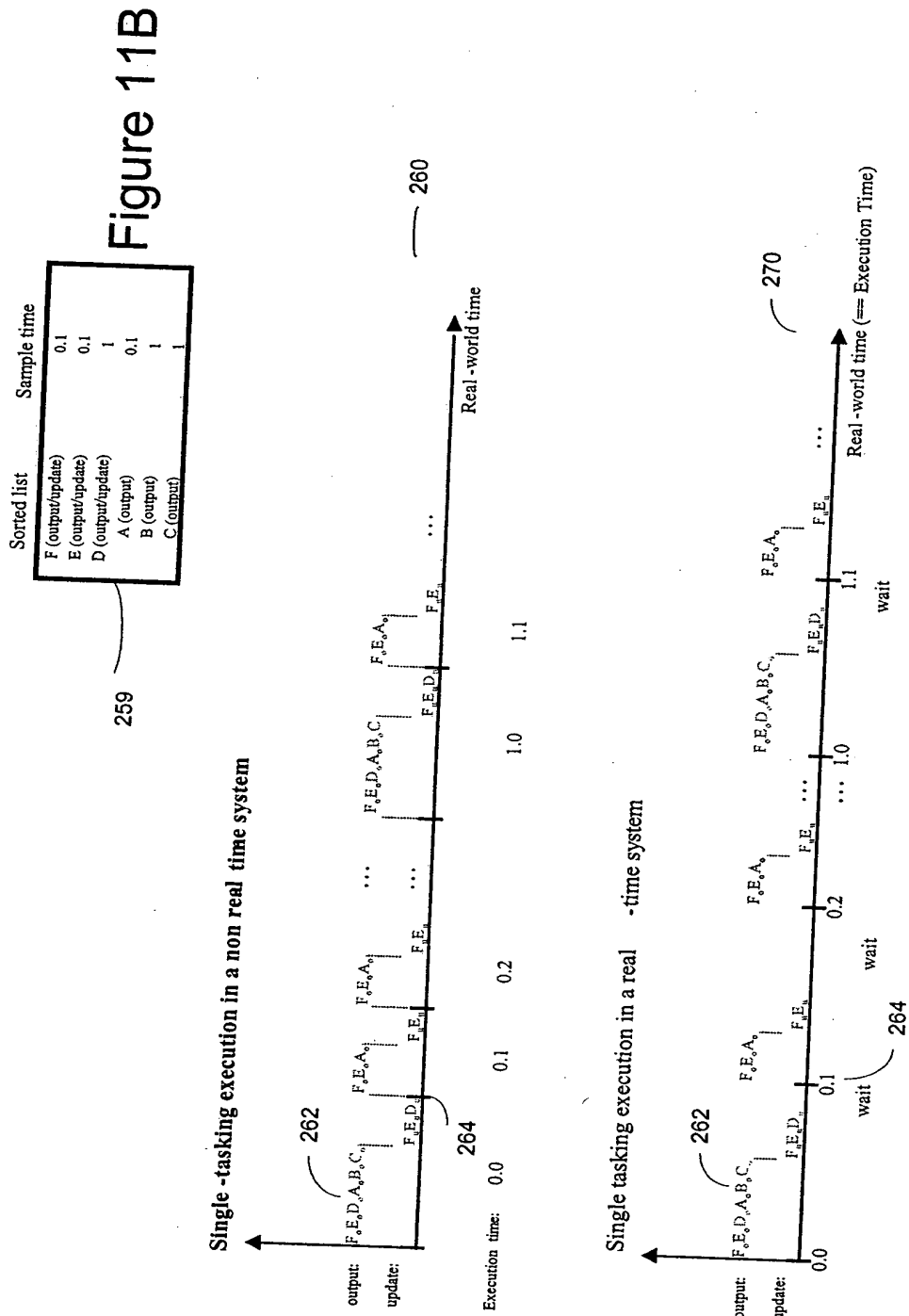


Figure 12A

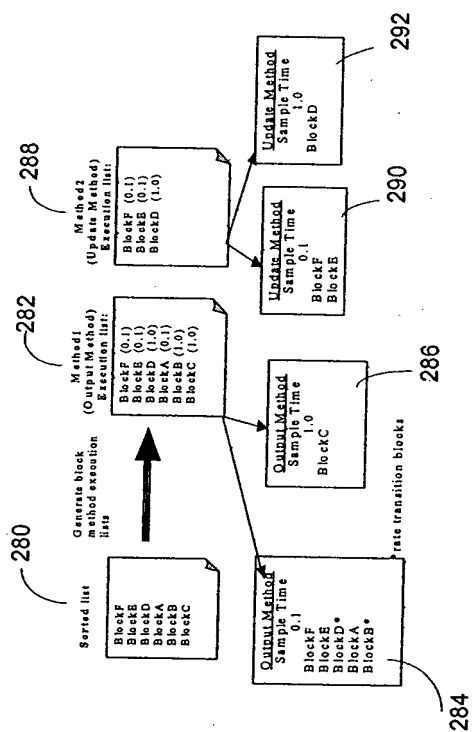


Figure 12B

Sorted list	Sample time
F (output/update)	0.1
E (output/update)	0.1
D (output/update)	1 promoted to 0.1 task
A (output)	0.1
B (output)	1 promoted to 0.1 task
C (output)	1

Execution in multi-tasking mode

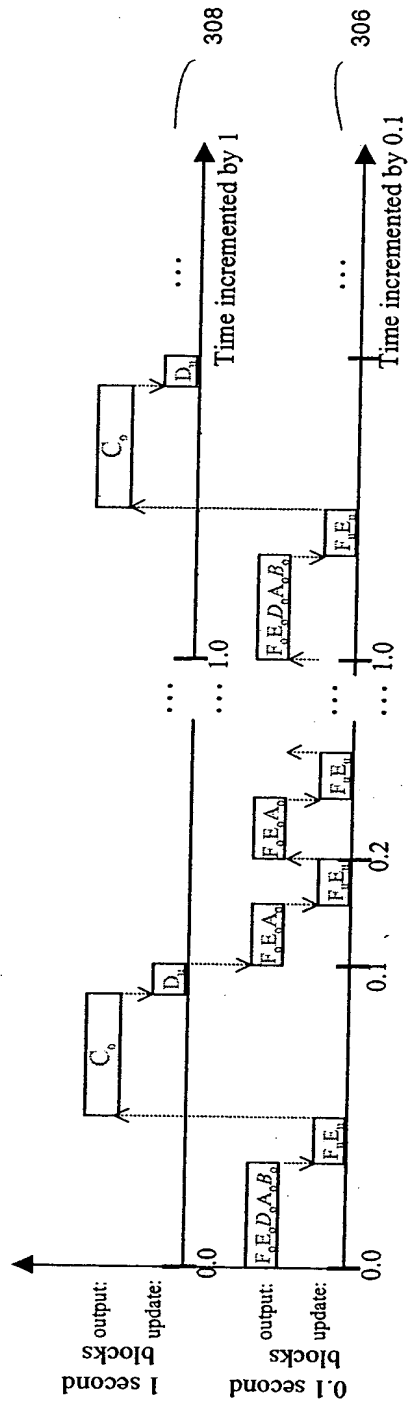


Figure 13

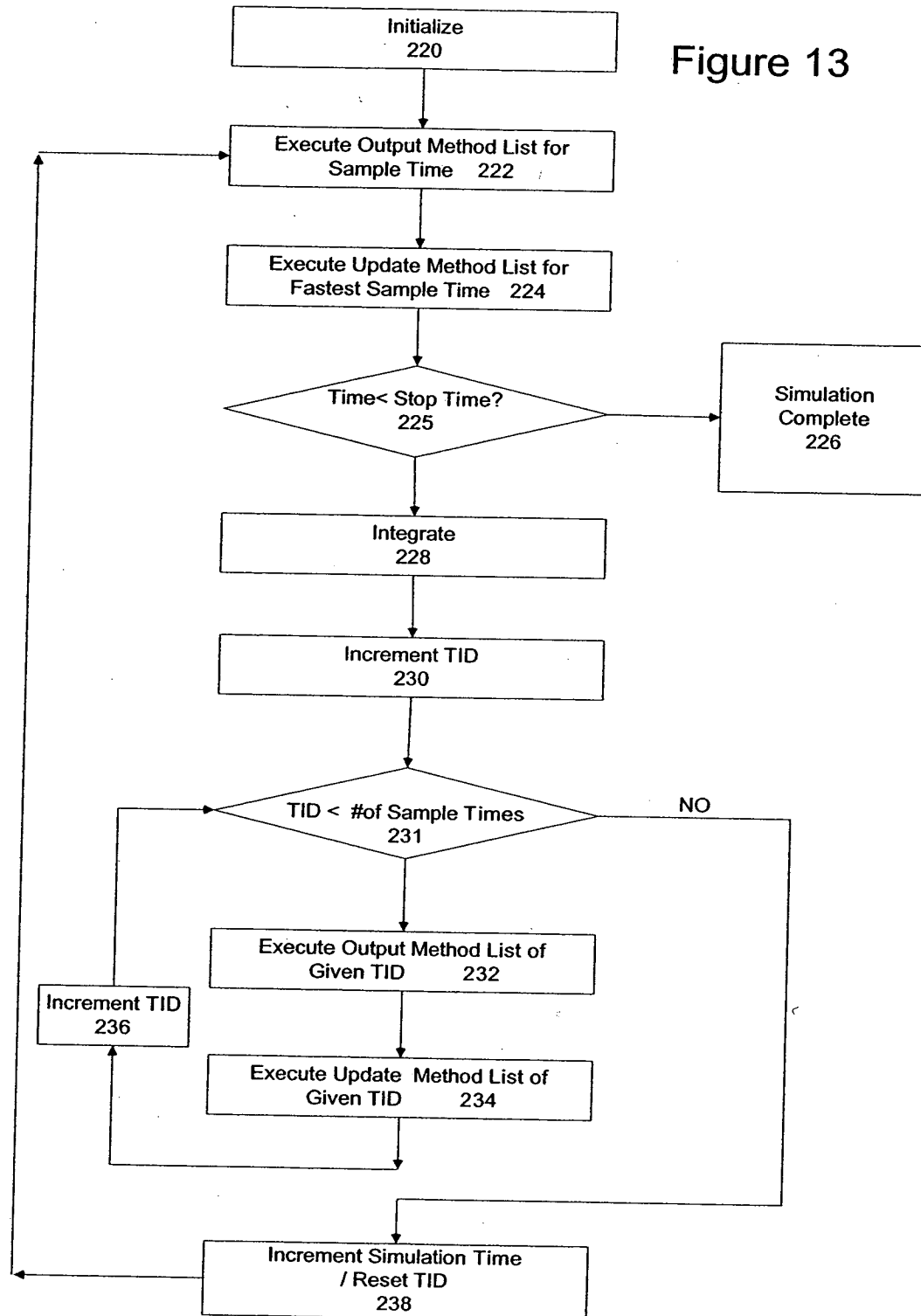
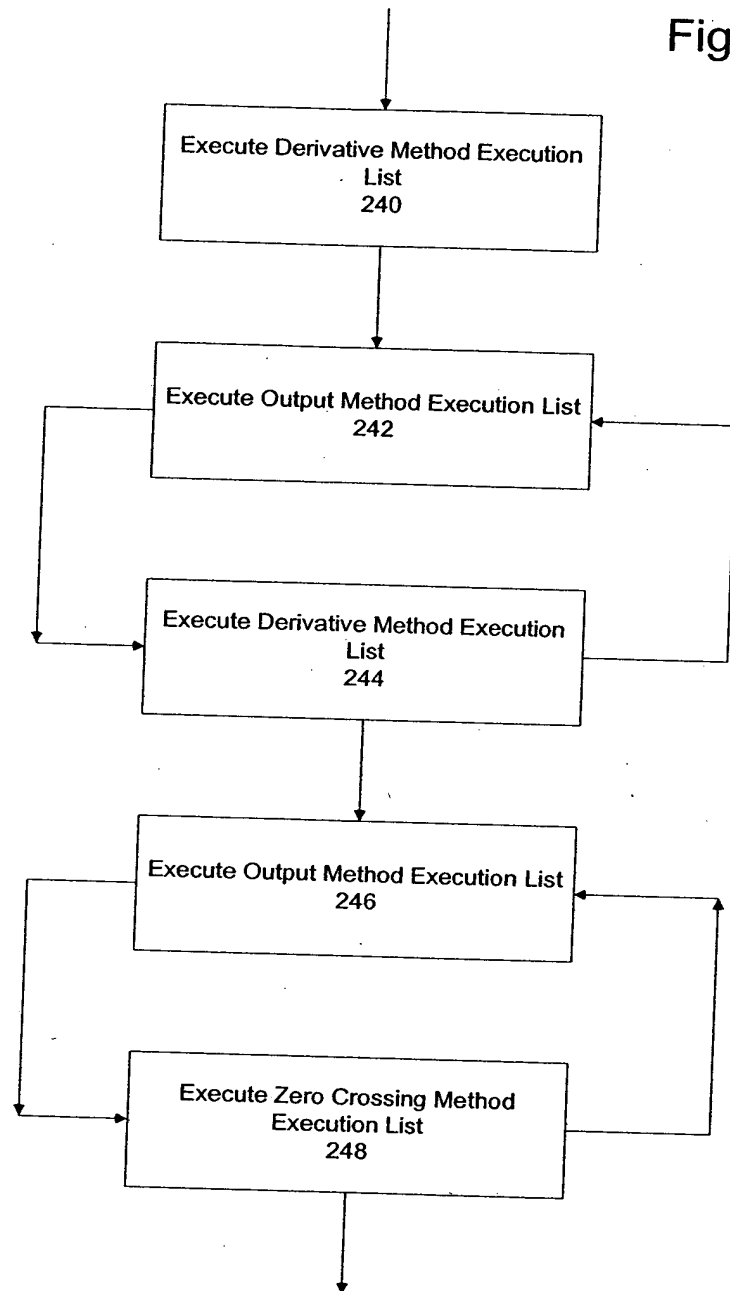


Figure 14



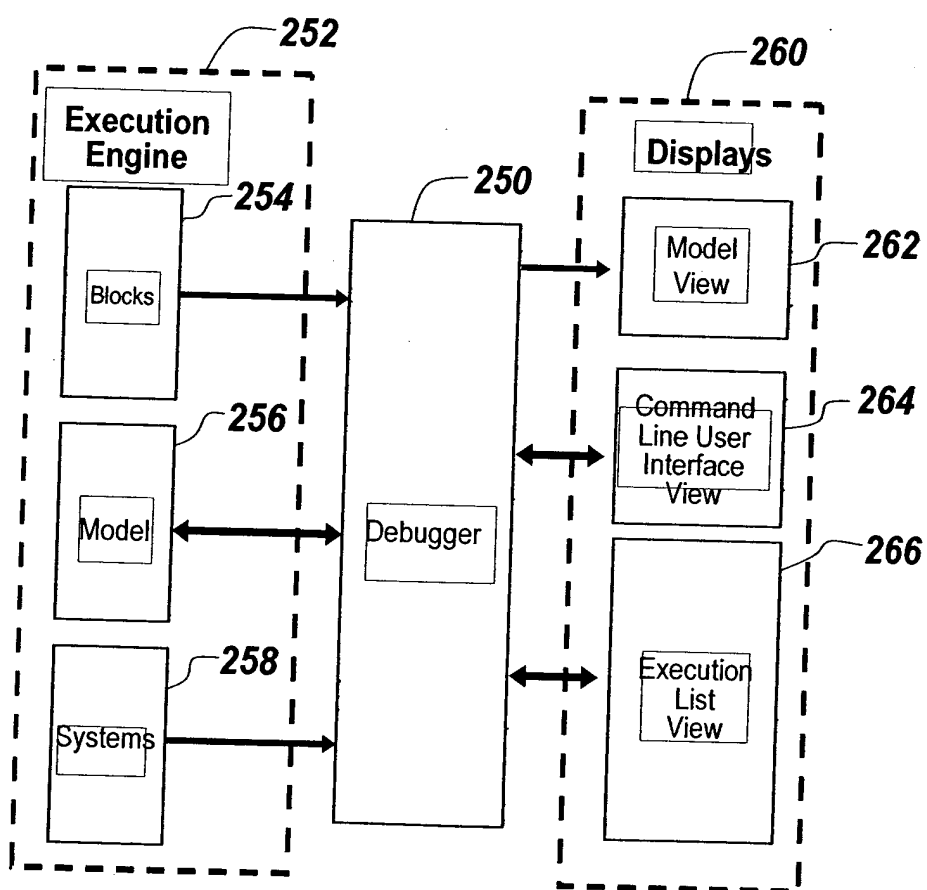


Fig. 15

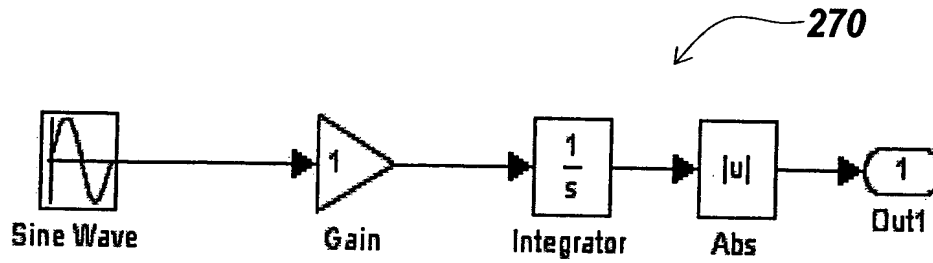


Fig. 16A

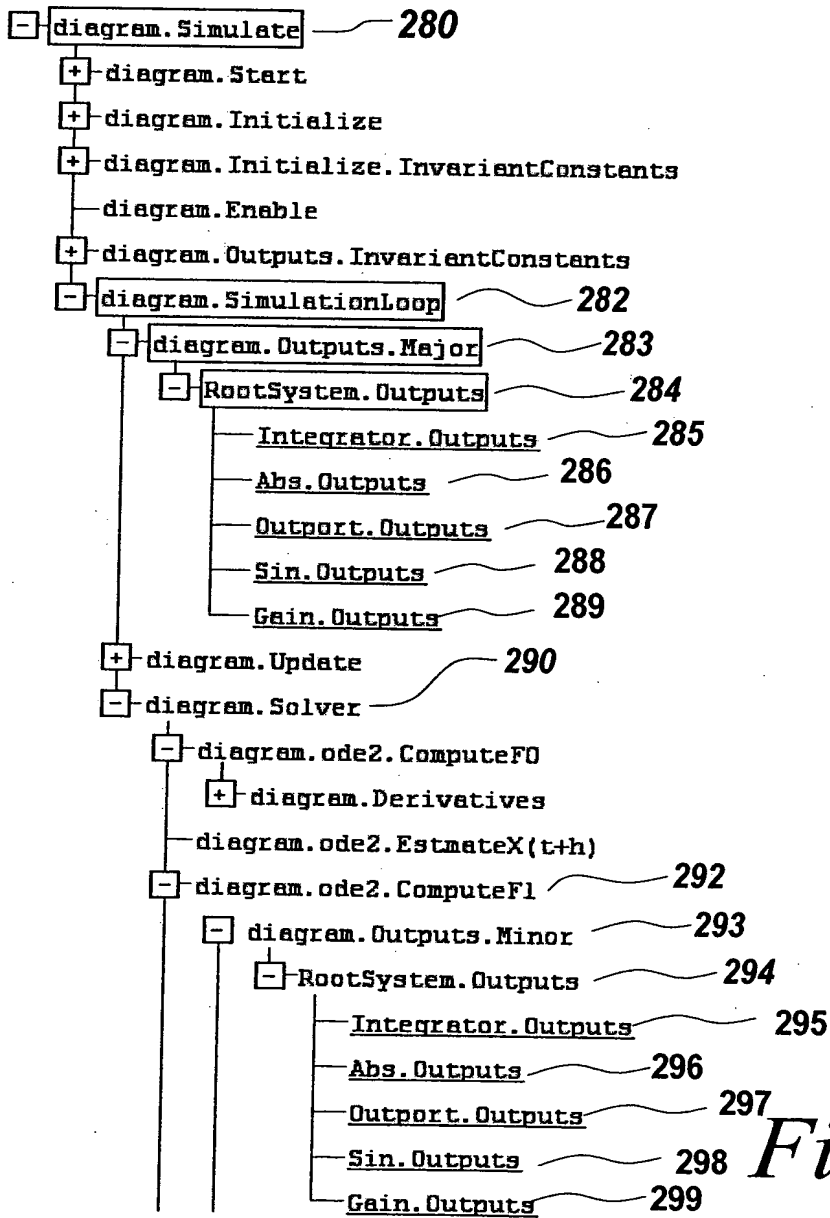


Fig. 16B

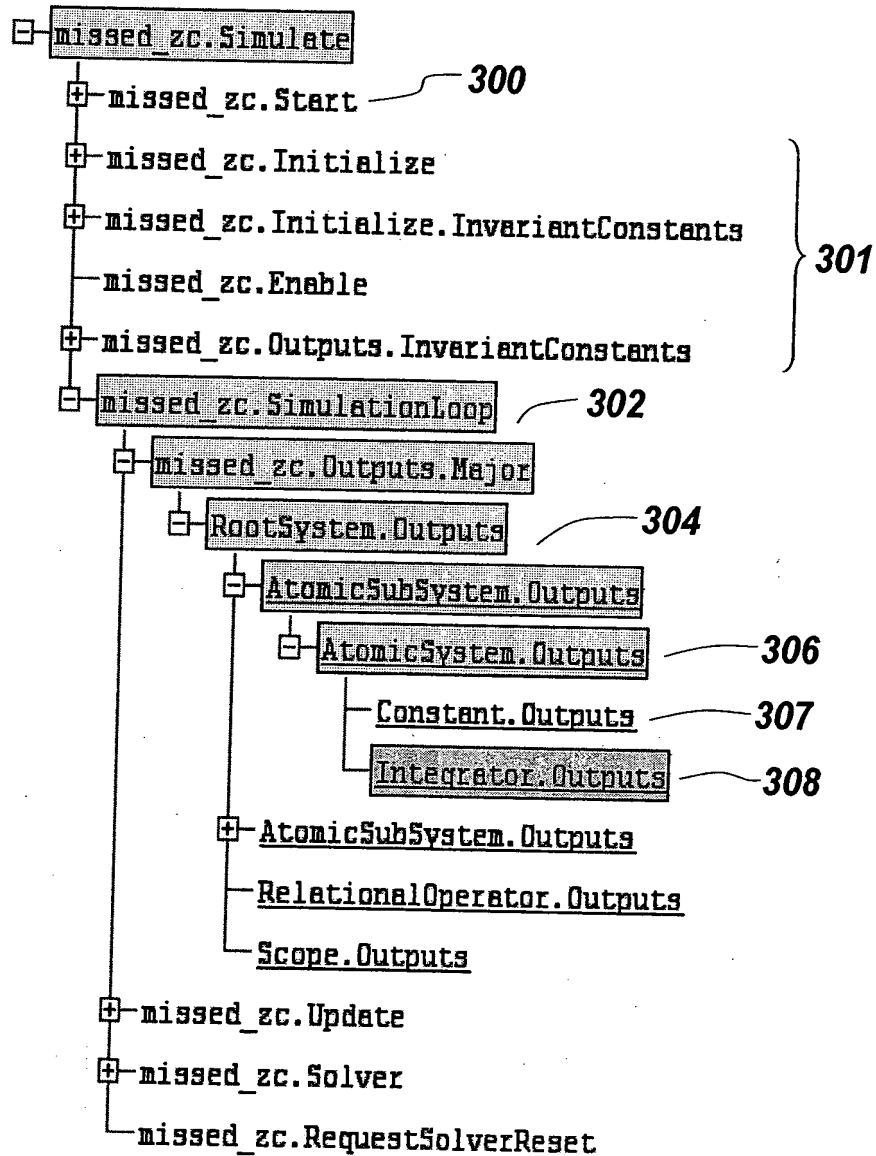


Fig. 17

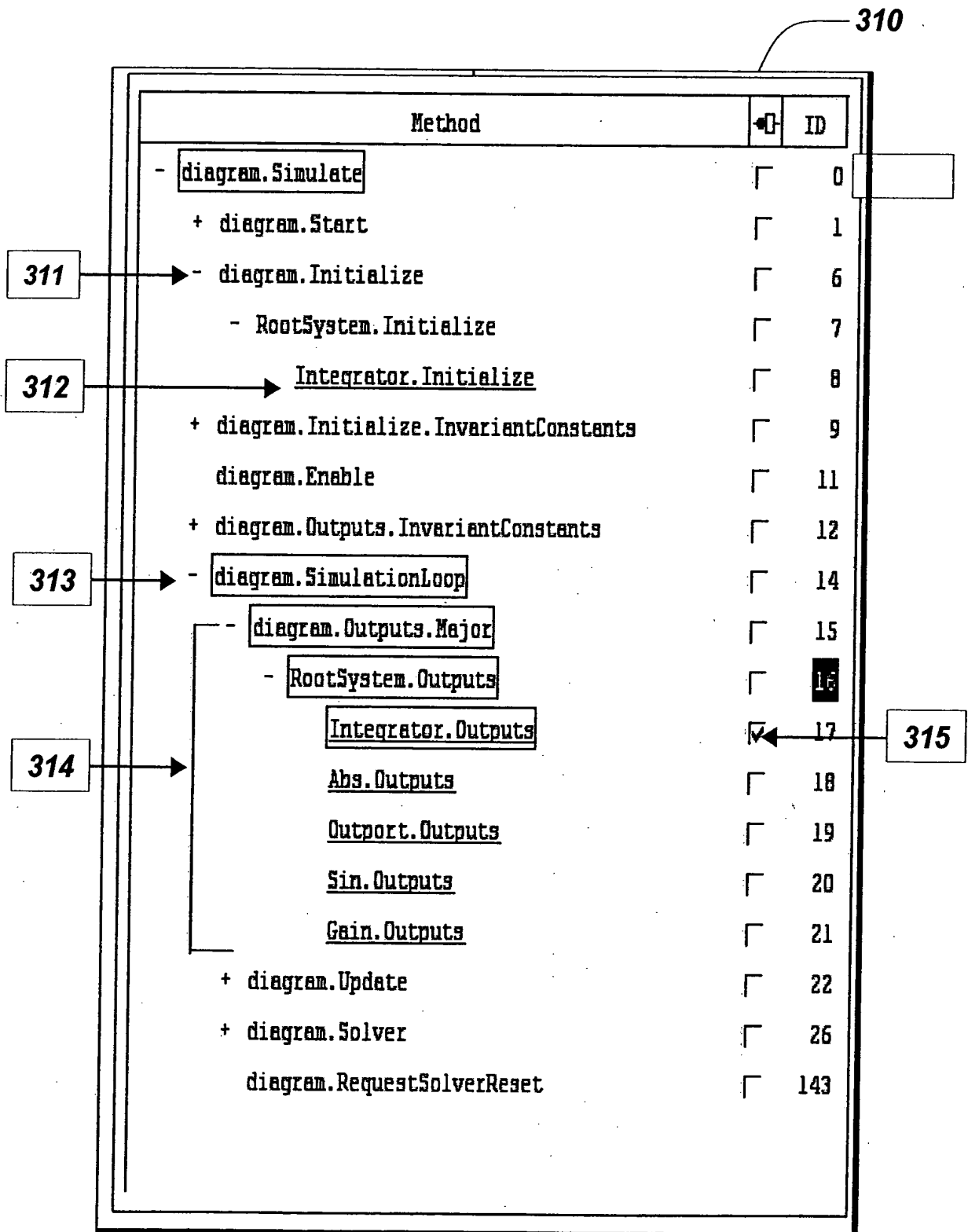


Fig. 18A

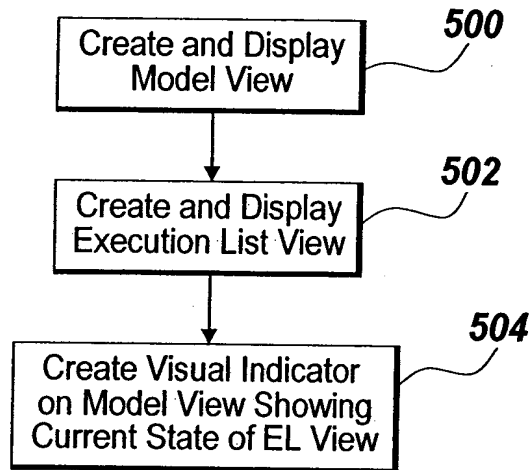


Fig. 18B

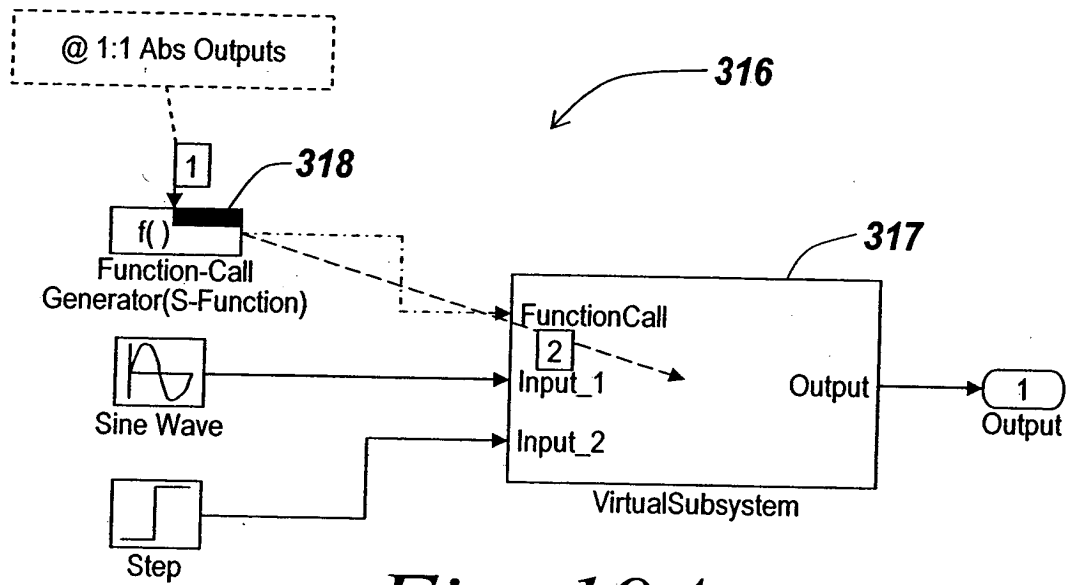


Fig. 19A

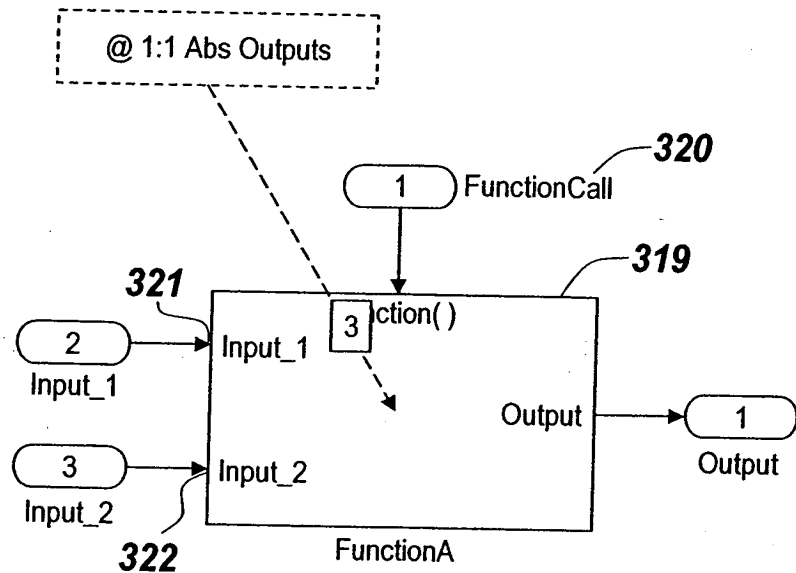


Fig. 19B

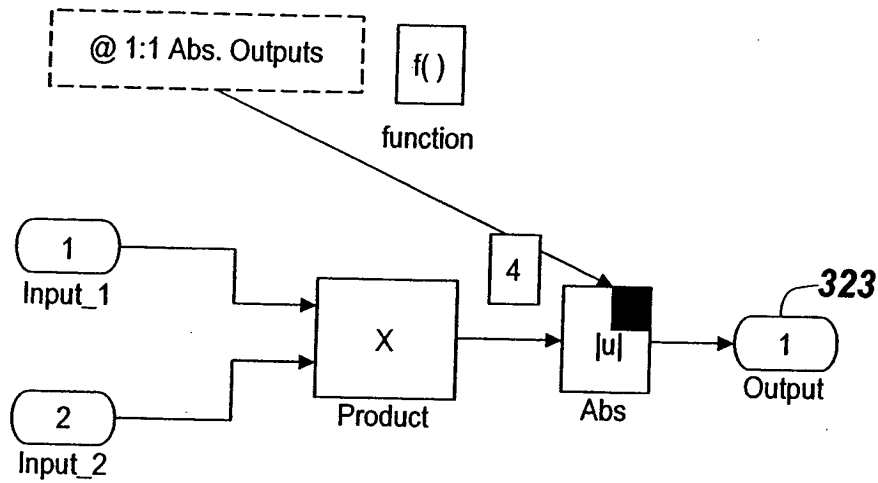


Fig. 19C

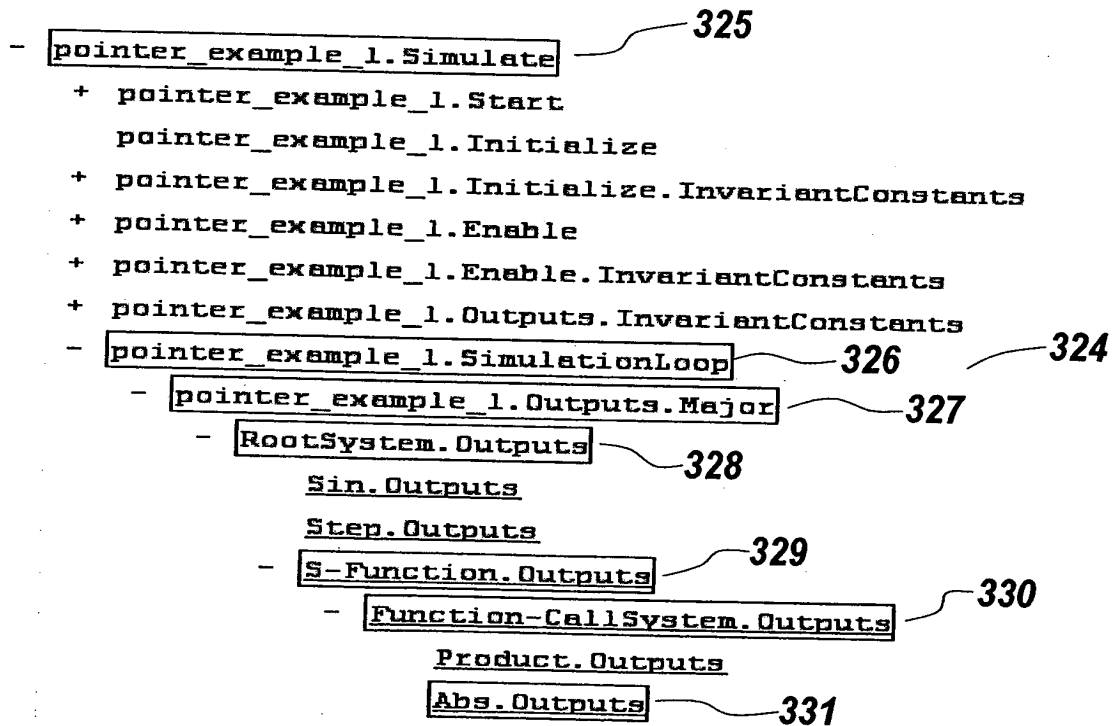


Fig. 19D

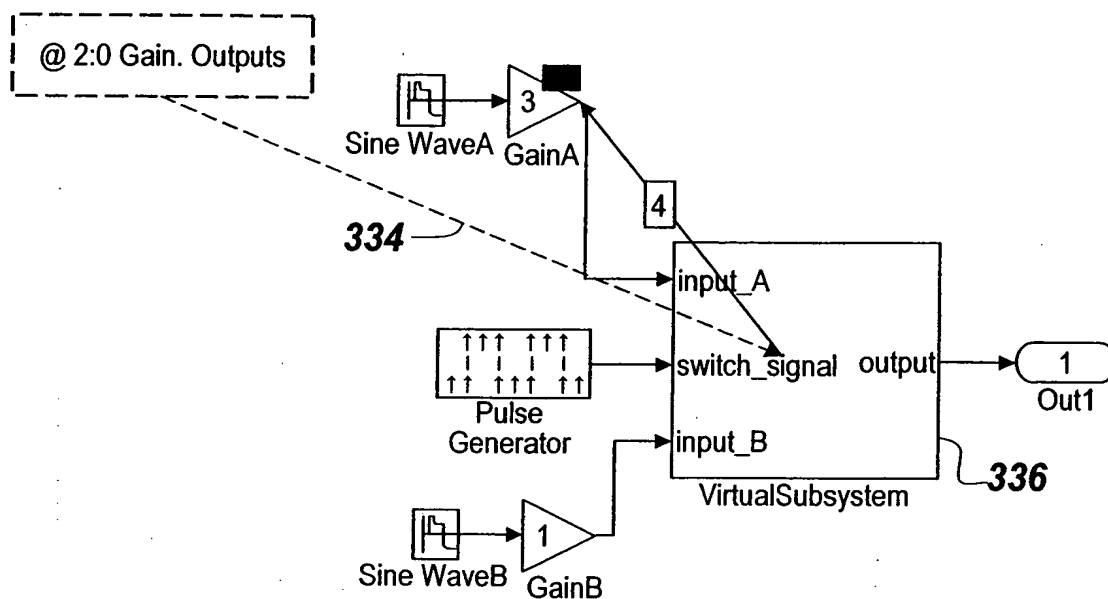


Fig. 20A

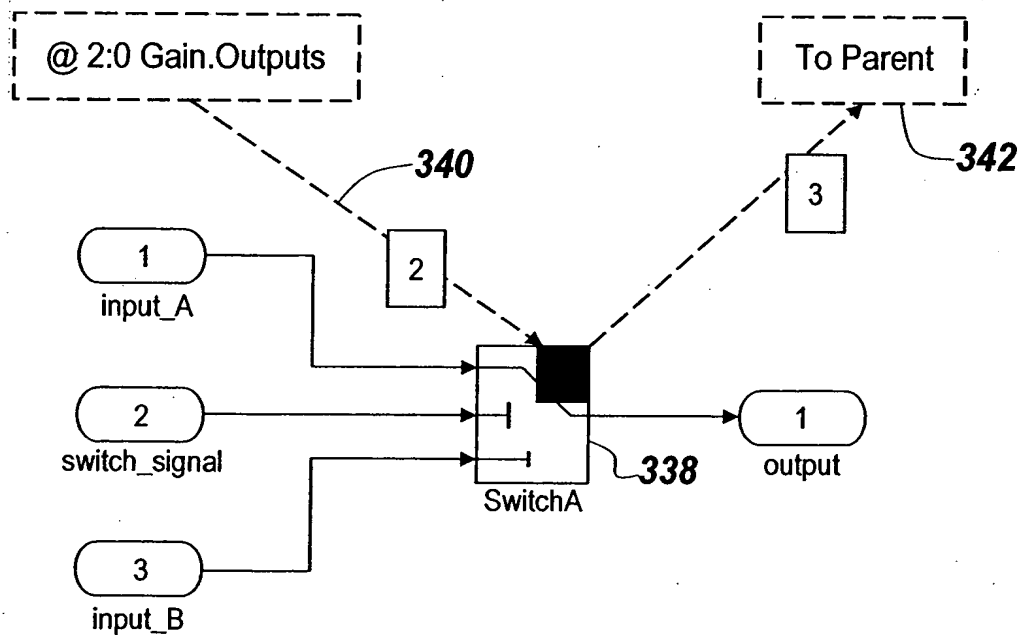


Fig. 20B

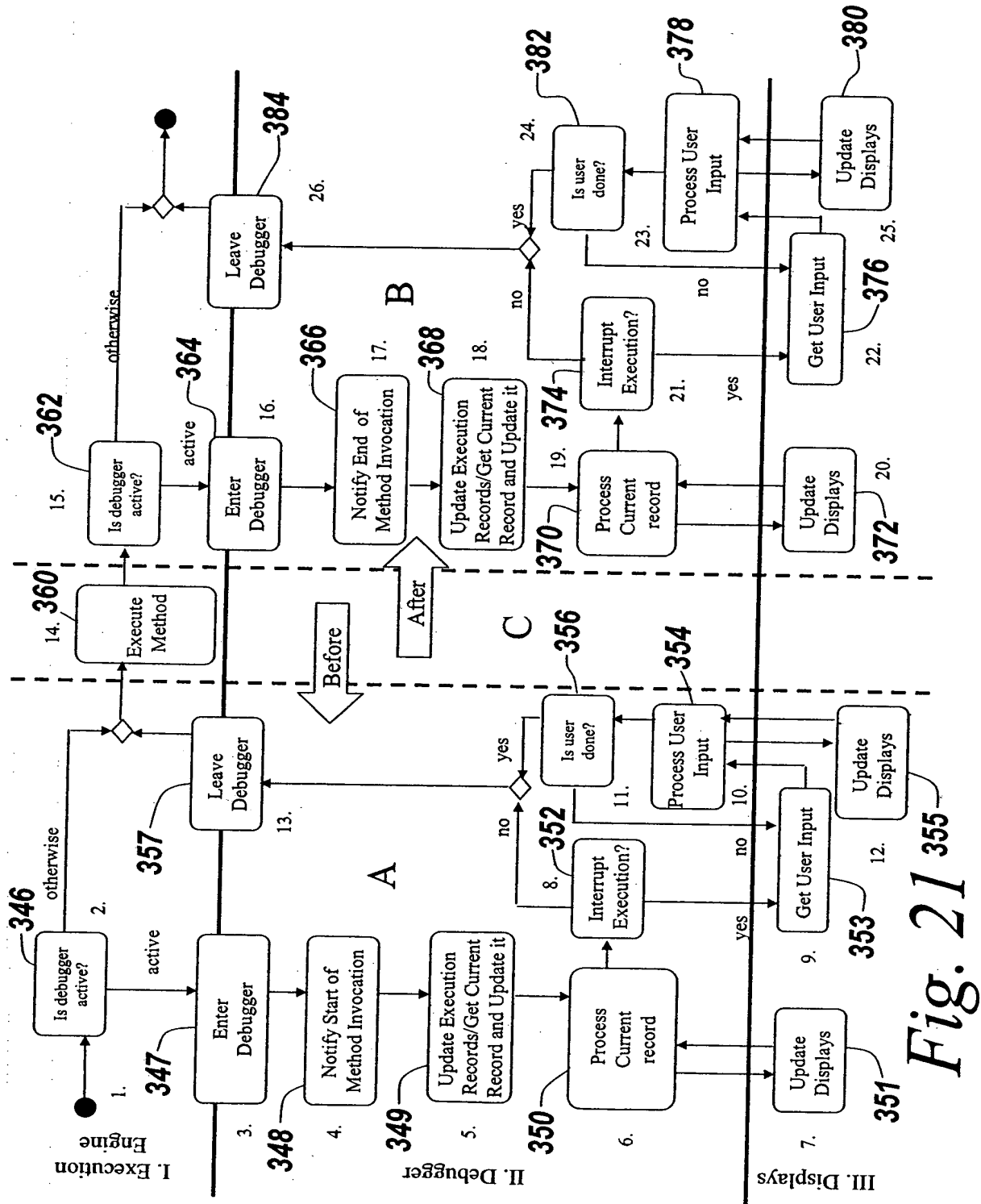


Fig. 21

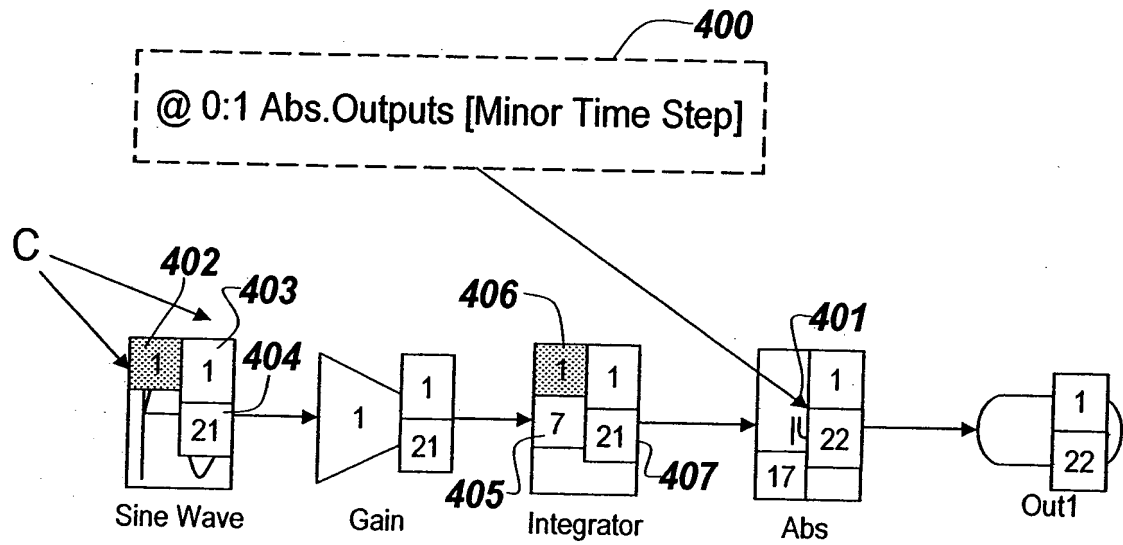


Fig. 22

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(sldebug @15):

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-----+-----
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Fig. 23

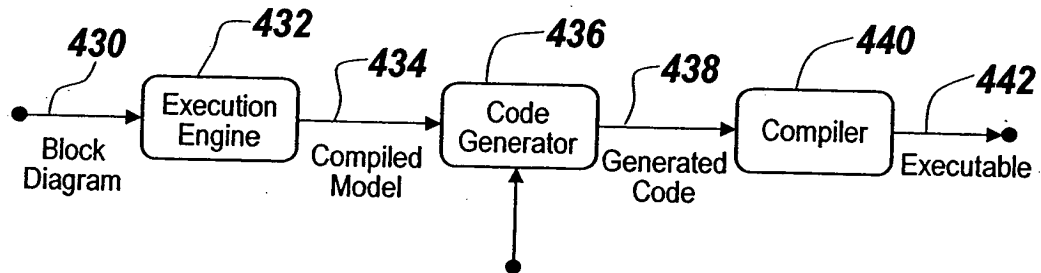


Fig. 24

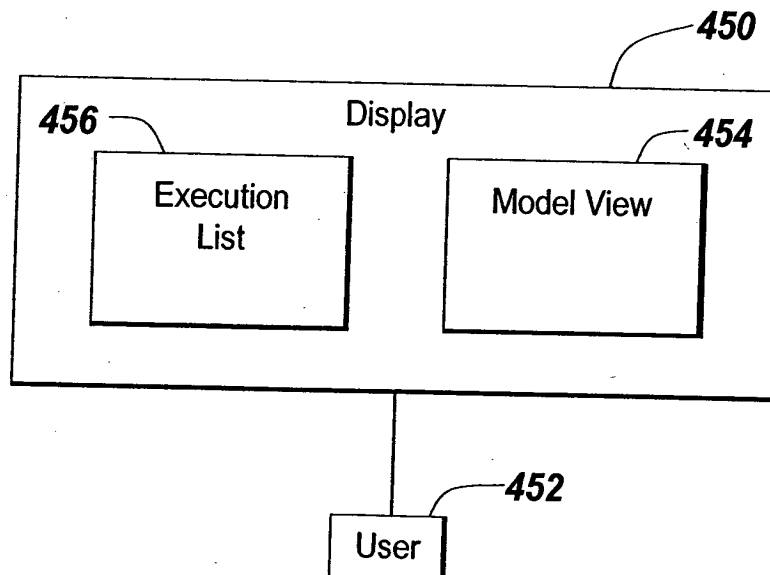


Fig. 25